

Form PTO-1449 U.S. Department of Commerce
(Rev. 8-88) Patent and Trademark Office

Attorney Docket No.: 4328.63294

S. N.: 09/398,126

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Sasaki et al.

Filing Date: 09/16/1999

Group: 2871

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
JD	6,704,083	Mar. 9, 2004	Kim et al.			
JD	6,181,402	Jan. 30, 2001	Shim et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner /James Dudek/

Date Considered 12/13/2006

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
JD	4,878,742	11/07/1989	Ohkubo et al.			
JD	6,937,311	08/30/2005	Song et al.			
JD	6,954,248	10/11/2005	Song et al.			

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						Yes	No

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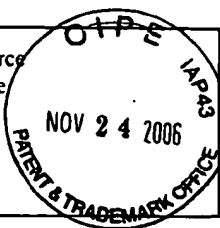
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U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
JD	5,309,264	May 3, 1994	Lien et al.			
JD	5,872,611	Feb. 16, 1999	Hirata et al.			
JD	6,724,452	April 20, 2004	Takeda et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
JD	06-043461	Feb. 18, 1994	Japan			X*	
JD	06-258649	Sept. 16, 1994	Japan			Abs.	
JD	07-311383	Nov. 28, 1995	Japan			Abs.	
JD	07-043719	Feb. 14, 1995	Japan			X**	
JD	EP 884626	Dec. 16, 1998	WIPO			X***	
JD	11-109358	April 23, 1999	Japan			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JD	Konovalov et al., "Multi-Domain Vertically Aligned Mode," 1998 SID International Symposium Digest of Technical Papers, Anaheim, CA, May 1998, Vol. 29, pp 1-4.
JD	Anonymous, "Liquid Crystal Display," Research Disclosure, Mason Publications, Hampshire, GB, May 1998.
JD	Lien et al., "Ridge and Fringe-Field Multi-Domain Homeotropic LCD," 1998 SID International Symposium Digest of Technical Papers, Anaheim, Ca, May 1998, Vol., 29, 1123-1126.
JD	Ong, H.L., "Multi-Domain Homeotropic LCDs with Symmetrical Angular Optical Performances," SID International Symposium Digest of Papers, Boston, May 1992, pp 405-408.

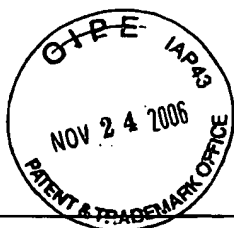
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* JP 06-043461 corresponds to U.S.P.N. 5,309,264

** JP 07-043719 corresponds to U.S.P.N. 5,872,611

*** EP 884626 corresponds to U.S.P.N 6,724,452



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U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
JD	2001/0048494	Dec. 6, 2001	Koma, Norio			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
JD	2000-147234	May 26, 2000	Japan			Abs.	
JD	08-101399	April 16, 1996	Japan			Abs.	
JD	08-101396	April 16, 1996	Japan			Abs.	
JD	08-146468	June 7, 1996	Japan			Abs.	
JD	11-149079	June 2, 1999	Japan			X****	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	/James Dudek/	Date Considered	12/13/2006
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**** JP 11-149079 corresponds to U.S.Publication No. 2001/0048494